

In the Claims:

Claims 51-65 and 73-74 have been canceled. Furthermore, pursuant to the telephone interview of February 24, 2005, Claim 66 has been amended (the changes in these Claims are shown with ~~striketrough~~ for deleted matter and underlines for added matter). A complete listing of the claims proper claim identifiers is set forth below.

51-63 (Canceled)

66. (currently amended) A method to dispense soap from a fluid dispensing system, the method comprising the steps of:

- (i) presenting a tube having a tube end disposed at a first position within an indented portion of a spout of the fluid dispensing system;
- (ii) sensing an object below the tube end;
- (iii) in response to sensing the object, expelling said soap from the tube end by drawing the tube end further within the indented portion to a second position; and
- (iv) returning the tube end to the first position.

67. (previously presented) The method of claim 66, wherein returning the tube end to the first position draws soap into the tube end.

68. (previously presented) The method of claim 67, wherein sensing an object below the tube end includes detecting an infrared signal that is reflected off the object.

69. (previously presented) The method of claim 67, wherein drawing the tube end further within the indented portion to a second position includes activating a torque of a motor to rotate an actuator arm of a pump hammer so that the actuator arm contacts a flange on a pump actuator and urges the pump actuator downward to overcome a spring bias.

70. (previously presented) The method of claim 69 wherein drawing the tube end further within the indented portion to a second position includes stalling the motor so that the spring bias overcomes the torque of the motor to urge the pump actuator upwards.

71. (previously presented) The method of claim 66, subsequent to expelling soap from the tube end, the method further comprising:

incrementing a counter; and

if the counter is less than 900, then returning to (ii), or

if the counter equals 900, then at least one of lighting a low soap level light indicator and issuing an audible signal.

72. (previously presented) The method of claim 66, subsequent to (ii) sensing an object below the tube end, the method further comprising:

sensing a voltage level of a power source; and

if the voltage is greater than 4.85 volts, then performing (iii), or

if voltage is less than 4.85 volts, then at least one of lighting a low power level light indicator and issuing an audible signal.